

### **ABSTRACT**

A security system for a communications network includes a system which audits and monitors network activity for an intruder. The system also includes a circuit switch which makes and breaks a physical connection between an external portion of the communications network and a private portion of the communications network. The auditing and monitoring system is connected to the circuit switch, preferably through a back channel inaccessible to an intruder, to control the circuit switch to disconnect the intruder from the private portion of the communications network and to connect the intruder to a decoy in a substantially undetectable manner.

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